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Editorial Visits.

Cheyenne—Pine Bluff—Fremont—
 Platte Valley—Omaha.

Cheyenne is seven thousand and forty feet above the ocean surface—almost a mile and a half; high up in the Rocky Mountains, all would suppose. But no, there are no mountains near it. A wide, gently-rolling prairie stretches away to the horizon, except to the southwest, along which lies a very distant, irregular, dark range. Pilot Peak is prominent above all other points in this distant, low range; low only from distance; for sixty miles away, it would, near by, rise in grandeur to a noble height. Cheyenne is the capital of Wyoming Territory, a city of some twelve hundred people, with a prospect of gradual progress in all real interests. It has a good Congregational Church and Society, a neat house of worship, and an able, active, popular pastor, Rev. Mr. Brown; also good Presbyterian, Episcopal, and Roman church-buildings, and the commencement made for a Methodist. The prairie lands are wretchedly poor for cultivation, unless they can be irrigated, for which efforts are now being made. From here a railroad branches off into Colorado, ninety miles south, to Denver; while much freighting is done to the far north, and the great works of the Union Pacific Railroad are now here located and ought always to remain, all uniting to give business.

PINE BLUFF.

As we left Cheyenne, whirling away rapidly to the east, far away began to appear, clear against the horizon, an abrupt front of a distant ridge as level along its whole length as the prairie itself, with a broad opening through which our track lay. It could not be a river bank: there was no river. It could not be a mountain range: such ranges are never even. As we came within a half-mile of it, and stopped at a station called Pine Bluff, we saw the perpendicular front was stratified, and gazed with wonder, and made inquiries; but officers could only say that the railroad survey made its height over six hundred feet, and it was called the Pine Bluffs, but none could tell us more. We wondered at its origin, and passed on wondering. Next day, finding the Surveyor-General of Colorado on board—an old Western Reserve College friend, Mr. John Pierce, who had spent six years luxuriating in the geology of the great mountains—he asserted that the origin of these Bluffs was the land surface, which was left when vast, mighty glaciers for unknown lengths of time, slowly moved by west of it, twenty, thirty, or fifty miles wide, powerfully plowing down the whole earth beneath them, and carrying away the soil down these six hundred feet, and bearing it for yet undetermined scores of miles to the south, a little east. Truly, the immense glaciers, of the wonderful glacial period, were indeed "God's plowshares," in preparing the earth for man.

On we swept all afternoon, along, to the eye, that vast prairie; but, to the surveyor's instrument, down this great western slope of the vast Mississippi Valley. The wild grass was very low, and the whole looked almost useless. The night set in upon us without change, and in the morning we were across the Platte, far down the north side. Soon, a pleasant town seemed to welcome us, called

FREMONT.

It looked like a place laid out for farmers' growth around it. The shire town of some county with a wide, rich country about it, just commencing to settle up, this place must steadily grow, because it will have a settled country to depend upon. Here we were fairly in the Platte Valley, a region perfectly level, a little descending to the east; and, a mile or more to the north, a little rolling; that was all for bluffs—if there were any—but everywhere covered with wild grass as heavy and dense as any Eastern meadow. This must be a flourishing agricultural country some day. Farmers' fields are beginning to appear, with excellent crops. To the south, the muddy river rolls

its still waters along some mile in width, but utterly worthless for navigation, as it can be waded over the whole width by a footman with ease generally. No trees are in the region except sometimes a few willows or cottonwoods near the river; yet these can easily be grown by the settlers. On we whirled through the same features of country, except a little more rolling the last forty miles, and increasing in farming settlements till, lo! we entered Omaha.

Pleasant for situation, located on varied low hills or fair bluffs, it overlooks the noble, but muddy Missouri and a fine region beyond. We could delay but a few hours going or returning, and cannot speak of it at length. It has many good buildings with fine, wide streets. The houses of the railroad offices were especially good.

Here we leave the Union Pacific Railroad, and we would in duty say, that in all things, so far as we are judges, this road, as the Central Pacific Railroad, appears substantially and honorably built, full up to a first-class single-track road, and to be every way well-conducted. Among all the employees on the way and the officers on the route, all seemed truly accommodating, kindly, and willing to impart desired information. The cars were, each class, very superior of their kind, and supplied with every convenience ever found in their several classes. And under all circumstances we think the public may feel grateful to the companies that the charges are as low as they are. With such monopolies as these companies must necessarily possess, that the charges should gradually be more and more lowered to their present sums, with a prospect of much more reduction, seems to us reason for the public to approve of the companies as doing well, and expect them still to do better, and yet better. Such we can most freely say is our view of the case, and in accordance with this we think were all the expressed views of fellow-passengers.

S. V.

Misrepresentations.

Misrepresentation is one of the most effective weapons in the armory of the demagogue, the quack, the teacher of false doctrine. With the two first it is the regular stock in trade. Misrepresentation of opponents and rivals, disparagement of their success, impeachment of their motives, depreciation of their abilities, with ridicule of every weak point and silence as to every strong one—these are the means which such men adopt to confirm their own followers in allegiance, and to attract those who are wavering. For they know quite well, that the opinions of most men are formed rather by the feelings than by the intellect.

With the last-named class of men this appeal to prejudice and ignorance seems generally to be quite unconscious, not at all done purposely, but a natural out-working, as it were, of principle. Yet the close observer can detect often the same system of means employed, whether consciously or not, to produce similar results.

The man who has thrown aside true doctrine knows perfectly well that his continued success depends upon keeping the feelings of his followers heated into a state of indignation or contempt toward "the old belief," "the orthodox doctrine," "the true-blue Calvinism." The breach must be widened, or it will soon begin to grow narrower. These opposing theological parties must be made to hate each other, or his occupation will soon be gone. It is not enough for this purpose to prove that his opponents are mistaken, they must be made out to be wilfully wrong, shown up as morally deformed, all distorted with bigotry, all bristling with pride, exhibited as regardless of reason and common sense.

These may be extreme and rare forms of misrepresentation. It is generally found sufficient for all practical purposes to misrepresent the opinions, the doctrines or forms of doctrine held by one's adversary. If you have only the impudence to loudly assert that your opponent holds the damnation of unbaptized infants, you have the advan-

tage over him. He may deny it as much as he pleases, in the pulpit, through the press, in private, it will be of no use, "something will stick." He will never get rid of it. Or, just ask an orthodox minister whether he believes the whole Bible, and if he answers, yes, turn to the passage where King Ahaziah is said to be two years older than his own father. These two tricks will not only give you the advantage in argument (!) but keep a dozen bar-rooms in a roar for weeks. When these fail, or after they are worn out, there is the endless subject of persecution. It is true, persecution has ceased for some little time, in fact, long before present denominational lines were drawn, but no matter. Everybody is very sorry for it now, and your own ancestors were engaged in it just as much as those of your opponent, but no matter. It was done by a hierarchy which he detests, not a man of his party ever defends it or would repeat it, but no matter, there is nothing like it to get up an excitement. Only set people thinking of the scorched and mangled flesh and broken bones of the heretics of two hundred years ago, and their indignation can be directed into almost any channel. They are like the school-master who "gets mad" at one boy and "keeps mad all day long."

It is our intention, however, to speak more seriously of some of the most common forms of misrepresentation, which slip so easily from the tongue of the opposer, that they seem almost the unconscious fruit of ignorance rather than malice. How shall we describe the self-complacent air, with which some men speak of the "old belief," as though it were something passed away in the centuries, antiquated, instead of being the cherished foundation of all the hopes of millions, in the present time. How speak of the way in which a doctrine found by thousands of earnest believers, on almost every page of the New Testament, is flippantly alluded to as "an exploded dogma." What an amount of meaning can be thrown into the pronunciation of that one word, "Calvinism." It is said that Whitefield could make his audience weep by pronouncing the word, "Mesopotamia." It seems almost a pity that he was a Calvinist, his elocution would be so effective against the stern Genevan.

Perhaps the doctrine most open to misrepresentation, and most frequently and effectively made use of for these purposes, is that of the Inspiration of the Scriptures. It is a dogma which must be proved from the nature and contents of the sacred books themselves. It is therefore difficult or impossible to prove it to the satisfaction of men ignorant of the Bible and averse to its spirit. It is a doctrine not easy to define, so as to exclude all the cavils of the unbeliever, and yet include all that is necessary as a foundation for religion. It is a doctrine, too, sometimes abused: as when, for instance, the inspiration of any particular translation is taken for granted; or when fanatics found important doctrines upon passages of doubtful genuineness, or on mere allusions, remarks by the way, quotations, figures of speech, illustrations; or when whole systems are based upon single passages, without regard to the "proportion of faith," or when men seek to make the Bible an encyclopedia of science, literature and law; or when teachings specially adapted to a particular state of society, and directed to that alone, are made universal. How easy it is to take it for granted that these abuses represent the actual belief of the church at large. How slight a twist it takes to convert truth into falsehood; how little ingenuity is required to translate a doctrine into the dialect of an opposite theological party. What a grand opportunity is thus afforded, for denouncing "bigotry and fanaticism."

The doctrine of Verbal Inspiration has never been intelligently held by any considerable section of the church, any more than the inspiration of copyists or printers has been. That is to say, although the inspiration of the Scriptures has not been much discussed, but has rather been taken for granted, and verbal inspiration has thus,

in a loose way, been believed in; yet whenever discussion has brought out an intelligent, carefully-formed verdict on the subject, it has been shown that the true doctrine of the church was not verbal inspiration. The later Jews, indeed, held this form of inspiration as applied to the books of Moses, and doubtless the idea passed over into the minds of many Christians. But very few of the Fathers, very few of the Schoolmen and few of the Reformers can be justly charged with any such opinions. Why should the notions of the Jews be charged upon us? Why should the vagaries of a single Reformed Synod, which indorses the Buxtorfian grammar and declared that the Masoretic pointing of the Hebrew text was inspired of God, be laid at the door of the church at large? Yet it is not uncommon for a "liberal" preacher or writer to quietly imply, without directly asserting, that the "old belief" includes among its "absurdities and self-contradictions" the "exploded dogma" of verbal inspiration; and then if he still holds to any form of inspiration, claim to himself great credit for having the acuteness to discover, and the candor to embrace, and the courage to declare, a more consistent and reasonable doctrine. Nothing could display more unfairness or more ignorance.

The Protestant doctrine of the inspiration of the Scriptures is, that they are inspired in such a sense as to make them the only and sufficient rule of religious faith and practice. The usual definition of Inspiration is: "Such a divine influence upon the mind of the sacred writers as caused them to teach in the best possible manner whatever they intended to teach, and especially, to communicate religious truth without any error." An old and valuable theological dictionary gives the following: "Any supernatural influence of God upon the mind of a rational creature, whereby he is formed to any degree of intellectual improvement, to which he could not, or would not, in fact, have attained in his present circumstances in a natural way." Moses Stuart says: "I do not apprehend that inspiration, whatever aid it gave a writer in the way of illumination and guidance, changed the peculiarities of that writer's style, or hindered the full and proper exercise of his logical and rhetorical powers." * * * "Were I to choose a simile for illustration, I should say that the inspired man ascends an intellectual and moral eminence so high that his prospect widens almost without bounds, and what is altogether hidden from ordinary men is, more or less distinctly, within his view." Martin Luther might be quoted, in still stronger declarations. Dr. Arnold, of Rugby, said: "It is an unwarranted interpretation of the term Inspiration to suppose that it is equivalent to a communication of the Divine perfections."

The fact is, "There is nothing new under the sun." The early Greek Christians were not fools, the Schoolmen were not obtuse. They left no region of theological speculation entirely unexplored. They "gave their minds" to this very thing, minds whose acuteness will probably never be surpassed in the world. Each hereby, each objection, each misrepresentation that comes upon the stage in "this enlightened age of progress," is only dressed up anew, in a more fashionable suit of melody, suited to the condition of science, literature, general intelligence. Origen would know the most of them at sight; Aquinas might probably furnish you with a dozen different refutations or solutions of the rest. The difficulties of verbal inspiration are not new. Long have they been the object of misrepresentation, the cause of misunderstanding, equally with everlasting punishment or the mysteries of the Trinity.

The student of theological history is the least likely of all men to be amazed or discouraged at any new developments of opinion or argument. For while he finds the same arguments, objections, assaults, misrepresentations reappearing from age to age, only taking a new coloring from the philosophy or science of the time, he sees in the church an increasing liberality in non-essentials,

with a firmer union in essentials. He knows that if "modern criticism" has anything to teach, the church will learn it; if it can find any weak spots in her defenses, they will be defended and strengthened; if any untenable positions, they will be abandoned; if its misrepresentations seduce any, their places will be filled; if it can show that too much stress is laid on some particular points, she will soon conform her teaching to the true proportion of faith, and all things will work together for good.

Truth is mighty with the strength of the Eternal God! What shall prevail against her? Neither open assaults nor covert misrepresentations, neither modern criticism nor infallible authority, can so much as make her to tremble.

X.

Uncertainty.

O Father, hear!
 The way is dark, and I would fain discern
 What steps to take, into which path to turn:
 Oh! make it clear.

My faith is weak:
 I long to hear thee say, "This is the way;
 Walk in it, fainting soul; I'll be thy stay!"
 Speak, Lord, oh speak!

Let thy strong arm
 Reach through the gloom for me to lean upon,
 And with a willing heart I'll journey on,
 And fear no harm.

I wait for thee
 As those who, watching, wait the coming dawn;
 Pant, as for water pants the thirsty fawn;
 Oh! come to me.

It is thy child,
 Who sits in dim uncertainty and doubt,
 Waiting and longing till the light shine out
 Upon the wild.

My Father! see,
 I trust the faithfulness displayed of old,
 I trust the love that never can grow cold—
 I trust in thee.

And thou wilt guide;
 For thou hast promised never to forsake
 The soul that thee its confidence doth make:
 I've none beside.

Thou knowest me;
 Thou knowest how I now in darkness grope;
 And, oh! thou knowest that my only hope
 Is found in thee.

Two Years in the Home Field.

Two years ago, when we were visiting at the East, we selected the individual mentioned in the following account by Dr. Roy—in the *Congregationalist*—for our California field, and he was packed to come hither. But circumstances occurred which prevented his coming. While our personal interest in him is quicker from these facts, the record of his work is honorable to the Home Missionary men, and we transfer it for the honor and the encouragement of that class of men in our own State.

"The Congregational enterprise in Yankton, Dakota Territory," says Dr. Roy, "was started by a lady missionary in Turkey, Mrs. C. H. Wheeler, who wrote to her brother here, Judge Brookings, urging steps for such a church. He wrote to the head-quarters in New York. The telegraph was put into requisition, and Rev. E. W. Cook of Ripon, Wis., was sent on. He found, two years ago, an Episcopal society, in a small house of worship, under Dr. Hoyt as rector, and also Baptist and Methodist beginnings. Gathering a church at once, he led it on for a few months, until, in November, 1868, Rev. Joseph Ward, recently from Andover, with his wife, came on to assume the permanent pastorate. The administration of Mr. Ward has been a great success, both as respects this church and the interests of religion in the Territory. Universal respect has been won; every communion has witnessed additions; the church has assumed to itself a high position; and the great work has been accomplished of building, finishing, and paying for, a house of worship. It is 32 by 56, of Gothic style, with a symmetrical spire. Its cost was a little over six thousand dollars. The ladies, God bless them! catching the inspiration of their sister in Turkey, raised by festivals and otherwise, \$1,180.50. The church was dedicated with much joyfulness. The deficit of \$1,800 was raised, and now the happy pastor and happy people leave the wandering home to

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enter this sanctuary of rest and of work.

"Yet it is wonderful how with all this strain of home work, which has most of it been upon the pastor, he has acted as Bishop of the Territory. As the result of this oversight, yesterday, Rev. Stewart Sheldon, his brother-in-law, who had been brought to the Territory, partly by the necessity of health, and partly by the missionary call, organized a church at Richland, in the valley of the Sioux, and preached in the afternoon at Elk Point, a county-seat on the Missouri River, and in the evening at Vermillion, another county-seat on the Missouri. In both of these county-seats he is soon to organize. To this trio of churches, Mr. Sheldon, whose health has become rugged, will minister, under commission of the Society. Up the river twenty miles, at Bonhomme, another county-seat, where Mr. Ward has a monthly appointment, he is soon to organize; and also at Springfield, ten miles farther up, the location of the new land office, he will organize, following his first sermon in the place, in the first and only house then built in the town. Over the river, in Nebraska, he has had an afternoon appointment for some time, and there the material is showing the rudiments of organic life. At Bonhomme and Springfield, the right man (and only the right man will answer) is needed at once. At two other important points, exploration warrants immediate action. I think the most enthusiastic home missionary friends will be satisfied with the elasticity of this policy and work, and the most conservative will be assured that this style of laying early the foundations of the State, is the true one.

"One of the classmates of Mr. Ward took the church at Norwich, Conn., and others took important positions. But to no one of them was given more of privilege and honor than to this home missionary, who with his own hands constructed the desk upon which I write, the easy-chair upon which I sit, the table at which I eat, and the lounge upon which I recline, in this sweet home ordered by the wisely taste and culture, which would adorn society anywhere, and which is an inspiring influence in this newly-forming life of a capital. Wisely, however, he is warned from the East, "You need not think it your duty to sand-paper everything west of the Mississippi, even if it is never done." As a director in the public school, as the proprietor of a select school that in ideal is to grow into the State College, as a mover in the Territorial Bible Society, and as a Metropolitan Bishop, he is using the sand-paper freely, and the only effective advice will be that which secures him the relief of additional help."

THE SLAUGHTER OF WAR.—No accurate estimate as yet can be formed of the killed and wounded in the recent series of battles between the Prussians and the French, but enough is known to warrant the conclusion that the grim aggregate is equal to that of some of the great historical battles of the first Empire, and of those fought in the recent war between Prussia and Austria. At Marengo the French had 28,000 men, the Austrians 30,000, and 13,000 were either killed or wounded. At Austerlitz there were 90,000 French, 80,000 Austrians and Russians; killed and wounded, 23,000. At Jena, 100,000 French, 100,000 Prussians; killed and wounded, 34,000. At Wagram, 150,000 French, 130,000 Austrians; killed and wounded, 24,000. At Borodino, 125,000 French and the same number of Russians; loss in killed and wounded, 80,000. At Leipzig, 150,000 French, 280,000 Allies; 50,000 killed and wounded. At Waterloo, 68,000 French, 67,000 English; 14,000 killed and wounded. At Solferino, 135,000 French and Sardinians, 136,000 Austrians; loss in killed and wounded, 27,000. At Sadova, 200,000 Prussians, 200,000 Austrians, &c.; 28,000 killed and wounded. And the French paper which gives the figures adds significantly, "and now there are 800,000 in the presence of each other, with improved means of destruction."

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REV. GEORGE MOOAR, D. D.,
 As Professor of Theology.

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THE PACIFIC.

SAN FRANCISCO:

THURSDAY MORNING, SEPT. 1, 1870.

Communications intended for publication in THE PACIFIC should be addressed to "Editors of The Pacific."

Letters relating to the business affairs of the paper, to John H. Carmany & Co., Publishers, No. 409 Washington Street, opposite the Post Office.

Our informant last week was mistaken about the antecedents of Noah Flood, one of the candidates for Superintendent of the Public Schools of this city, and for that reason we were misled in our statement. The following note will set the matter right:

EDITOR PACIFIC:—In your issue of the 18th inst. occurs a misstatement which must have originated from your confounding the name of Noah F. Flood, Esq., Democratic candidate for Superintendent of Public Schools, with that of some other person. Mr. Flood taught the Public School in Downieville for eighteen months while I was County Superintendent of Schools of Sierra County. He was not a secessionist during the war, nor since; he is an American, and a Protestant by education, although not a member of any church.

JAMES M. HAYEN.

POSTURE IN STUDY.—The lounge has established its claim to a place in every well-furnished study. Ministers generally regard it as essential; and the inner offices of studious lawyers will not be apt to be without it. One who can think without pen in hand, who prefers to know what he wants to say before he sits down to write it, soon learns the uses of a lounge. The body rests, and one's whole vigor goes to spur the worker within. But we question very much the wisdom of such an indulgence. We doubt whether a recumbent position is a healthful one for study. Indeed, we have ceased doubting, taught by hard experience. It is not that the posture affects very much the circulation of the blood. We believe that in a healthy body the life-currents will take care of themselves in any not unnatural position. But the habits of the mind, once fixed, are not easily reversed. Place and time and posture, and even very insignificant circumstances are made by it to be essential. A quill had to be placed on Neander's lecture-desk to be pulled to pieces in his fingers while he talked. If the quill failed, the lecture failed, irredeemably. Many come to be dependent on the study-room, or the study-hour, or the pen in hand for their best work. And a man who forms the habit of summoning his mind to work by throwing himself on a lounge, will soon find the mind holding him awake when he has lain down to sleep. But then those sleepless hours of night, how rich they can be! so still, so cool, so inspiring! The mind revels in its opportunity, and while you continue young and strong, you declare such a night to be cheap at the cost of the following day. But it costs more than the following day. It costs, by and by, by disordered nerves and a quivering pulse, and trembling limbs, and a physical system shattered. The true posture for study is not the one you assume when study should be laid aside and one's duty is to sleep. And we advise young students not to learn this by experience, but to believe it on our word.

SCHOOL MONIES.—The following is the semi-annual apportionment of common-school monies for the half-year, ending August 1, 1870:

Alameda	\$4,573 30	Placer	\$2,171 27
Alpine	88 58	Plumas	615 94
Amador	1,928 16	Sacramento	5,187 08
Butte	2,161 97	San Bernardino	1,289 69
Calaveras	2,358 79	San Diego	721 00
Colusa	967 17	San Francisco	26,538 55
Contra Costa	2,365 61	San Joaquin	4,432 12
Del Norte	253 88	San Luis Obispo	1,179 35
El Dorado	2,418 48	San Mateo	1,507 63
Fresno	781 46	Santa Clara	5,917 45
Humboldt	1,436 85	Santa Cruz	2,475 09
Inyo	86 38	Shasta	1,016 61
Kern	313 19	Santa Barbara	1,740 70
Klamath	216 30	Silera	1,009 01
Lake	782 80	Sierraville	1,483 30
Lassen	387 41	Solano	5,729 90
Los Angeles	1,599 71	Sonoma	5,521 83
Mariposa	822 97	Stanislaus	1,544 15
Martinez	1,143 30	Butter	1,200 98
Merced	710 70	Tehama	721 04
Monro	129 70	Trinity	461 44
Mendocino	1,269 42	Tulare	1,263 81
Monterey	2,331 92	Tuolumne	1,894 17
Napa	1,718 43	Yuba	2,067 94
Nevada	4,314 80	Yuba	2,190 81

Number of children entitled to receive, 112,743; amount per capita, \$1 03; whole amount subject to apportionment, \$116,699 48.

A SCOTCH NOTION.—One little device, says the same traveler, in the furnishing of the church impressed me as very serviceable, and worthy a Yankee, rather than a Scotchman. At the end of each pew, outside, was fixed what looked like a large door-knocker; directly under which, on the floor, was a little iron receiver—thus enabling one to keep his umbrella, on a wet day, in his own charge, without damage to carpets.

What Napoleon would have Done.

M. Moreno, a Madrid publisher, has published a document entitled "The First Battle between the French and the Prussians and the Will of the Emperor Napoleon." After describing the battle, it gives the supposed will as follows:

"I, Napoleon III, by the grace of God, etc., about to undertake a struggle on the success of which depends not only the future of France, but of Europe, declare my desire to be that the policy of the empire and that of my successor after me should be as follows: 1. Prussia to be reduced to her former limits, and the German Confederation to be placed under the protectorate of Austria. 2. Hanover and the other small States of Germany to be reconstructed as before the treaty of Prague. 3. France to be indemnified by the Rhine provinces. 4. The independence of Poland to be negotiated for with Russia and Prussia, and to be ruled by a King of the Bonaparte family. 5. Belgium to be annexed to France, and King Leopold to be made King of Bavaria, who is to be deprived of his kingdom and throne. 6. Russia to be indemnified for the loss of Poland by the Roumanian provinces, but on the condition that she will respect Turkey. 7. The policy towards Rome to depend on circumstances. 8. Prince Alphonso, if his legitimacy is not disputed, to be placed on the throne of Spain; France to receive by way of compensation the Balearic Isles as a counterpoise to England, which possesses Malta and Gibraltar in the Mediterranean. 9. Portugal to be annexed to Spain. 10. France to be ruled by a regency composed of the Empress, two princes of the blood, two marshals, two senators and two deputies till Napoleon IV has attained his twentieth year."

There is little doubt that Napoleon had some such plan as this in his mind. His propositions to Bismark, which assumed the outline of a secret treaty, disclose as much. The suggestion that Austria with 8,000,000 of people should assume the protectorate of the German Confederation with nearly 40,000,000 of people, sounds oddly at this date. Just now, Napoleon is, by the fortunes of war, under terrible bonds to keep the peace in Europe. His menacing attitude has kept the whole continent in a state of watching and armed neutrality. At this time of writing, Prussian scouts are within an hour's ride of Paris; and Napoleon has ceased to govern France.

F. A. Ross, Again.

Dr. F. A. Ross, of Huntsville, Ala., has written a spicy letter to the *Christian Observer*, of Louisville, Ky., and Richmond, Va., in which he tells his brethren of the Southern Presbyterian Church that the Old School and New School united South just as truly as they have since done North. He was himself a New School man, and glories in it! Moreover, he says: "I foretell the time will come, and much shorter than the memory of the oldest inhabitant, when my esteemed brethren, from whom I differ, will be very sensitive, if reminded they ever gave, to the world the notion that the Presbyterian Church South was the sole depository of the true faith, as to *Christ's Crown and Kingdom*. Truly, this high pretension rests upon sand. It is built upon the utterly erroneous conception that, when Christ said, 'My Kingdom is not of this world,' he meant that the Church, in its organized form, is neither to speak nor act in reference to the political or other business of this world. The assembled body is not so to act; nor the individual Presbyterian! Now, Messrs. Editors, I think Christ uttered these words in regard to His Spiritual Kingdom; composed of regenerated souls in all ages; that kingdom of which he also taught—'the gates of Hell shall not prevail against it.' These words, thus understood, have ever been, and ever will be true."

Attachment to Newspapers.

The strong attachment of subscribers to a well-conducted newspaper, as given in the following paragraph, from the *New York Journal of Commerce*, is fully confirmed by veteran publishers. Our experience in publishing bears witness to its truthfulness:

"'Stop my paper,' are words of dread to new beginners in the business, but they lose their force after a paper has been established for a term of years. So long as a paper pursues a just, honorable and judicious course, meeting the wants of its customers in all or most respects, the ties of friendship between the subscribers and the paper are as hard to break as the links which bind old friends in business or social life."

Occasional defect and errors, if such there be, in a newspaper, are overlooked by those who have become attached to it through its daily perusal for years. They may sometimes become dissatisfied with it on account of something which may have slipped into its columns, and may stop taking it, but the absence of the familiar sheet at their home or office for a few days, becomes an insupportable deprivation, and they hasten to take it again, and possibly apologize for having stopped it. This we believe to be a common experience in the history of all established newspapers. No friendship on earth is more constant than that contracted by the journal which makes an honest and earnest effort to merit its continued support."

We have found this experience true in relation to the PACIFIC. Many of its patrons have read it for more than ten years; and there are not a few who have been subscribers for nearly twenty years. These are not going to exchange an old friend for any stranger of whom they know nothing. They welcome the PACIFIC for what it has been, what it is, and what it hopes to be. These friendships ripen with increasing years. Frequently, these old and tried friends say: "We cannot do without the PACIFIC." We do not wish you to do without it; and we mean to make it so indispensable to thousands of others that they also cannot do without it."

Hope from Hard Times.

There is no doubt that for a full year past times have been hard in San Francisco, and in most parts of California. And there is now no immediate prospect of much relief. On the contrary, we seem likely to be pinched more and more closely for a twelvemonth to come. The causes are still in existence which have produced the depression, and they will not be removed till our business throughout, in respect to wages, interest, rents, and profits, has settled down upon a basis level with that existing elsewhere in our country.

We do not propose just now to theorize about the causes, but rather to look after a possible bright side of what seems so dark a fact. Perhaps the discipline which this depression involves, is the very thing essential to a future sound prosperity.

It does not belong to a charming climate, or to rich mines, or to fertile acres, or to abundant water-power, or to commercial position, to afford a people the foundation even of financial strength. The basis of this is in the habits of the people themselves. In virtue of its local advantages, Constantinople ought to have become ages ago one of the two or three great centres of the world's commerce. If fertile acres or generous mines could have enriched a State, what height ought not poor Spain to have attained? How comes it that the workshop and the banking-house of the world are found on that little rock-bound island in the North Sea, in a latitude almost Arctic, with a heavy, foggy air, and a soil made fertile only as redeemed from barren heaths and marshes almost bottomless? It was the habits of the people. The resources of which they availed themselves, buried deep in the earth, are such as many another people have left undisturbed. But they set their coal and their iron at work. They worked themselves with these. Content to make haste slowly, but keeping what they got, they have held the world in debt to them all the time. California, immeasurably more favored by Nature, needs to learn that lesson of thrift. We are about through with our flush times. We have wasted a magnificent substance with riotous living. It has seemed so easy to make money that we spent it before it was made. The grandest money capital with which God ever endowed a young people, has been lavishly squandered. It has gone for the diamonds, and silks, and fancy wines which we have so unstintingly imported. It has gone to roving gamblers, to blood-sucking pleasure resorts, to dancers, and play-actors, and negro-minstrels. It goes in that direction still. The theatres of this city alone, confess to having received during the first half of 1870, in these hard times, \$350,000. So foot up the returns made to be taxed upon. What percentage should be added to reach the actual amount, we do not attempt to guess. The general spirit and temper of our people is one of extravagance. Of all things, we are most afraid to seem "picaunish." We want to do a big business, and to be above looking after details. We mean to make too much, to need to care for petty savings.

California will never become a really prosperous and wealthy State upon any such scheme. We need the uses of adversity. We are beginning, perhaps, to learn some lessons of thrift that once we should have disdained. We are willing to make change exactly, if possible, and a man that gouges us in the half-dime will not get our custom again. The five-cent street car goes full, while on the next street, the six-and-a-quarter car passes on almost empty. We grow, perhaps, less chary of our hours of labor. We are willing at length to learn it that "a penny saved is a penny gained."

If, without our getting soured or stingy, the pressure on us crowds us into such habits of hard work and close economy as have made old England and New England what they are, hard times will prove to be the harbingers of our best days.

The California Rescue Mission.

What is termed the "Social evil" has ever been a perplexing question. It has always existed and will be likely to continue as long as the world remains peopled by imperfect beings. We can hardly hope to entirely banish such a deep seated sin; laws are enacted to suppress it, but remain a dead letter; public opinion does not demand their enforcement, and hence they are used rather to regulate than suppress. Sometimes complaints are made against persons for keeping houses of ill-fame, but, as a rule, it is only when such establishments are disorderly and troublesome to the police.

Inmates for such dens of degradation are supplied from all grades of society: the demand is for both high and low, and that demand finds a supply. Although the average life of shame is only some four or five years, yet many volunteer for that "forlorn hope." But the numbers who go from choice, are not sufficient, and, strange as it may seem, women as well as men go abroad to recruit for that terrible service. All manner of deception is used to induce an enlistment, and the scorn and contempt of the world prevent a return to virtue. The unfortunate finds her way of return "Hedged In."

Unaided, few will ever attempt so difficult a task; many deeply regret, but few see the way of escape open to them. It has been one of the most hopeless conditions, in which woman could be placed. Such have found no sympathy save from their own class; despair drives to intoxication, and beauty and life even soon go. To aid that unfortunate class to return to friends and virtue, the good people of the city of San Francisco have formed the Society whose name heads this article.

The Society has a home for such as wish to reform, and is ready to extend such aid as may be required to enable them to lead a better life. They particularly desire to rescue the young and provide them with good homes, where the past will be forgotten. They ask the aid of all in this work. No distinctions are made in religious denominations; all are treated alike. The Society will aid any from the Pacific coast. Full information will be given by letter, if desired. Address "The California Rescue Mission," box 1,919, San Francisco.

CALIFORNIA INSTITUTION FOR THE DEAF AND DUMB AND THE BLIND.—As the time for re-opening school is approaching, the Directors of the institution desire to call the attention of the public to the provision, made by the State, for the education of all youth afflicted with deafness or blindness. A large and convenient building, an excellent corps of teachers, and suitable apparatus for the special instruction which such unfortunates require, enable the Directors to offer unusual facilities for accomplishing the benevolent purposes of the institution. A large shop has been erected, where the pupils spend a portion of each day in acquiring a knowledge of some handicraft by which they can support themselves after leaving the institution.

To correct misapprehension, the public is informed that the institution is not an asylum, but an educational establishment, where pupils are admitted for purposes of instruction only, but all deaf and dumb, or blind persons, between the ages of six and twenty-one years, of sound mind and body, and residents of the State, will be received without charge save for clothing and traveling expenses.

Pupils from Nevada can be admitted by application to Hon. A. N. Fisher, Superintendent of Public Instruction in that State.

Any one who knows of persons afflicted with deafness or blindness will confer a favor by addressing the Principal, Warring Wilkinson, Oakland, Alameda County, to whom all communications relating to the institution should be directed, and who will be happy to give any information that may be desired.

Things in Brief.

Hon. John P. Kennedy, of Baltimore, died in Newport on Thursday evening. He represented the Baltimore district in Congress for three successive terms, and was Secretary of the Navy under President Fillmore's administration. At the time of his death he was a Trustee of the Peabody Southern Educational Fund.

The *London Times* thinks that the English people are very slow and patient, from the fact that eighteen years have elapsed since the death of Wellington, and yet no monument has been erected to his memory, notwithstanding the sum of twenty thousand pounds was appropriated for the purpose four years after his death.

Wendell Phillips is nominated by the Temperance party in Massachusetts as their candidate for Governor, and is also likely to be nominated by the Labor Union party.

Rev. M. D. Conway attempted to act as the war correspondent of the *New York World*, and is now besieged in Strasbourg.

A Bible association at 23 Finsbury Circus, London, announced July 23 that they had furnished the French troops leaving Paris with copies of the Gospel, and proposed to follow the French army with their Bible carriage. They have made arrangements to do the same for the Prussian army, and hope to distribute half a million copies at a cost of £2,000.

Rev. E. E. Baylis, a Presbyterian Home Missionary, has organized a church with ten members in Utah. He asks \$3,000 to found a Presbyterian academy.

The wheat crop of 1870 is estimated in the July report of the Commissioner of Agriculture, at 210,000,000 bushels, against 258,000,000 in 1869, there being a decrease both in acreage and average yield. The report says the indication of a good crop of corn was never so general. The increase in the area planted is greater than the decrease in wheat. The increase of acreage devoted to cotton is twelve per cent, and thus far the promise is good.

WORKING CLASSES AT CHURCH.—The Duke of Argyll, on a late public occasion, after referring to the increase of church edifices in connection with the Establishment and Dissenting bodies, added: "But there is one feature I observe in all the congregations, and it is one which we cannot too much deplore, and that is the comparative, nay, I would say the almost total absence of the working classes." The Duke in a subsequent part of his speech gave the following beautiful testimony to the character of his countrymen, the Scotch: "If there is one peculiarity more remarkable than another in Scotland, it is the universal attendance of the working classes in the parish church. It is the habit and custom, the most blessed habit and custom of our country."

RELIGION AT TAHITI.—Notwithstanding the great advantage which the Catholic religion enjoys by the French control at Tahiti, it is not popular with the natives, and there are certainly not over six hundred Catholics, while there are at least seven thousand six hundred belonging to the Protestant Churches. This appears the more singular, as there are a Catholic bishop, twelve priests, fourteen or fifteen friars, and seven Sisters of Mercy; while there is only one representative of the London Mission Society, and he is only allowed to leave Papeete on obtaining special permission from Government.

EXPOSITORY PREACHING.—A recent traveler in Scotland writes: "I have heard in the last two Sabbaths three sermons, from three of the ablest divines of Scotland, and every one of them was an expository discourse. This is the central thought of Scottish preaching, and it ought to be of preaching everywhere; that the minister is an interpreter."

Both Episcopalians and Presbyterians are organizing churches in Utah Territory. The cornerstone of St. Mark's Church was laid in Salt Lake City, by Bishop Tuttle, on July 30th. It is to be constructed of stone, and ready for occupancy by the 1st of October. It will be a free church. Rev. T. E. Baylis sends us an appeal, too long for insertion, for a Presbyterian Church in the only Gentile city of Utah—Corinne. He is the only resident minister in the place, and the only Presbyterian clergyman between Cheyenne, Wyoming, and Elko, Nevada, a distance of 792 miles. In three months' time a Sabbath school of 56 scholars has been called together, and a church of 10 members has been organized. A church edifice is urgently needed. It will cost \$5,000. It will readily be imagined the 10 members cannot erect it themselves.

Religious Intelligence.

The West.

The installation of Dr. D. W. Poor took place at Oakland, on the 28th, at three p.m., in the presence of 425 people. Dr. Souder preached a sermon, showing at several striking points how God is like Light. Perhaps the most effective point was made in drawing the analogy between Light and God as both mysteries, bringing out vividly the fact that Light is triune, as God is—the light-ray being one, and yet composed of three separable forces. The discourse was a happy one, brief, bright, and inspiring. Dr. Scott's charge was lacking in freshness of thought and special appropriateness, which are the qualities which alone can justify an exercise which comes after a sermon. Even the evangelical fervor, which is so admirable in the Doctor's manner, could not lift the audience to the level at which the sermon left them. Mr. McMonagle, in addressing the people, told them plainly their duties, but at too great length, and in somewhat too formal a style. The church was tastefully decorated. Mr. Buel put the questions, and had them answered in due form. Dr. Sessions and Dr. Walsworth conducted the devotional exercises. The people seemed happy. Dr. Poor has been tried and found not wanting. The congregation, which was so long broken, has recovered fully, we should judge, its old strength. We congratulate our brethren on their good prospects, and bid them great prosperity always.

The Sabbath school at Redwood-Geo. H. Kellogg, Superintendent—held a concert last Sabbath evening, which was of unusual interest. Each class presented an emblem, accompanied by recitations of Scripture, and of hymns. Prominent among the emblems were the meeting-house and school-house of the Pilgrims. Rev. Isaac Pierson, a classmate of the Pastor at Andover, was present, and made a very interesting address. Mr. Pierson sails to-day for China, as a missionary of the A. B. C. F. M.

The Congregationalists, United Brethren, and Methodists, of Lockeford and vicinity, have united in holding a camp-meeting near Mokelumne Station, San Joaquin Co. Eighteen hundred people are reported as having been seated in one congregation last Sabbath, which was addressed by Rev. Dr. Briggs in the morning, Rev. J. W. Brier in the afternoon, and Rev. Mr. Gober in the evening.

Rev. W. C. Anderson, D.D., late pastor of the First Presbyterian Church of this city, and formerly President of Miami University, died a few days since at Junction City, Kansas.

THE CLUB.—Fifteen were present at the Congregational Club meeting last Monday. Among the visitors were Rev. Mr. Betts, of Santa Barbara, Deacon Case, of Petaluma, and Rev. Mr. Pearson. The latter gentleman is on his way to Pekin, China, under commission of the A. B. C. F. M.

Rev. John Kimball preached in Dixon, last Sunday, to good congregations, morning and evening. A rousing temperance meeting was held in the afternoon.

Rev. Professor Benton supplied his old or former pulpit in Sacramento, while the pastor, Dr. Dwinell, preached on the same day in Santa Cruz, where he is spending his vacation.

Rev. Mr. Pearson sails for Pekin to-day, as a missionary of the American Board. In the same steamer, also, a band of six missionaries of the M. E. Church for China, and Rev. Mr. Wynkoop, who goes to India to visit his son, who is a missionary there.

The Church in Mokelumne Hill is being revived since the arrival of Rev. R. Graves. It is thought that over fifteen will unite soon.

Rev. Josiah Bates is regularly supplying San Bernardino, and intends to take immediate measures for the erection of a church edifice. His field is the most extensive of any of our home missionary fields—stretching from Anaheim to San Bernardino—and although a veteran long ago, he never fails to meet his appointments, and the vigor of his ministry is the wonder of many. It is said of him down there, "The right man in the right place."

A friend sends us the following additional particulars about the Sunday school anniversary of the Second Church, Oakland: Last Sunday occurred the fourth anniversary of the Second Congregational Sunday school, of Oakland, commonly known as the "Point School." The school numbers

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men; there was also a basket containing very choice fruit arranged with exquisite taste. The cheering word "Welcome" was wrought with evergreen leaves upon the parlor walls; and the cordial shaking of hands during the whole evening was evidence that the superscription on the wall was no unmeaning word. The whole affair was a pleasing and complete surprise to Mr. Bush and his family. . . . The Rev. Mr. Birdsall, we are informed, is expected back to California this evening (August 25th). We learn that he will officiate for two or three months at St. John's for Dr. Brotherton. The latter, we grieve to say, continues ill. He is at present at Healdsburg, in pursuit of health, lost in his indefatigable labors among the sick and poor. . . . The Rev. Dr. McElroy sends the following in regard to his success in obtaining funds to pay off the debt on the little church at Santa Clara: No words at our command could do justice to the profound gratitude with which we acknowledge

Latest European War Dispatches.

The Prussians near Rheims.

A cable special to the *Herald* from London, August 29th, says: A dispatch from St. Mennehold says 800 of the Garde Mobile, and a quantity of booty, were captured here by the Prussians.

A dispatch from Paris says 100,000 Prussians are between Epervay and

—The State Teachers' Institute will meet in this city on Tuesday, Sept. 13th. It is expected that there will be a gen-

—Gilroy has five churches, two schools, a flour mill, two planing mills, a tobacco manufactory, a brewery and a newspaper.

For order of Board of Managers.

J. O. Eldridge, A. D. Moore,

Home Circle.

A Bit of a Sermon.

Whatsoever you find to do,
Do it, boys, with all your might;
Never be a little true,
Or a little in the right.
Trifles even
Lead to heaven,
Trifles make the life of man;
So in all things,
Great or small things,
Be as thorough as you can.

Let no speck their surface dim—
Spotless truth and honor bright!
I'd not give a fig for him
Who says any lie is white!
He who falters,
Twists or alters
Little atoms when we speak,
May deceive me,
But believe me
To himself he is a sneak!

Help the weak if you are strong,
Love the old if you are young;
Own a fault if you are wrong,
If you're angry hold your tongue.
In each duty
Lies a beauty
If your eyes you do not shut;
Just as surely
And securely
As a kernel in a nut!

Love with all your heart and soul,
Love with eye and ear and touch;
That's the moral of the whole,
You can never love too much!
'Tis the glory
Of the story
In our babyhood begun;
Hearts without it
(Never doubt it)
Are as worlds without a sun!

If you think a word will please,
Say it if it is but true;
Words may give delight with ease,
When no act is asked from you.
Words may often
Soothe and soften,
Gild a joy or heal a pain:
They are treasures
Yielding pleasures
It is wicked to retain!

Whatsoever you find to do,
Do it, then, with all your might;
Let your prayers be strong and true—
Prayer, my lads, will keep you right.
Prayer in all things,
Great and small things,
Like a Christian gentleman;
And forever,
Now or never,
Be as thorough as you can.
—Good Words for the Young.

The Midwinter Moth.

BY HARRIET A. FARRAND.

One day last November, Lizzie and Nell came into the house, with their usual scamper increased to a full gallop—a sure sign that they had something to tell, or to ask, or to show.

"See here, what we've found!" said Nell, catching her breath.

"It was on the syringa bush in the corner," panted Lizzie, holding up as she spoke, a branch of syringa, to which fastened a roundish ball of a brown color about as large as a black walnut.

"What is it, mother?"

"Mother, what is it?" they cried in concert.

"It must be a chrysalis," said their mother, "though I never saw one just like it, or so large, before. A worm has spun itself up in this shell, and gone to sleep, and if you had not disturbed it, while it lay asleep there its form would have changed, wings would have grown, and next summer it would have burst its house open and come out a butterfly."

The girls were interested. They examined it curiously, and, being Eve's own granddaughters, they wanted to cut it open and look at the worm inside.

But their brother Ray appeared upon the scene in time to save it.

"Don't, girls!" he called out when he saw it. "You shan't spoil it. My! what a big one! Won't there a jolly butterfly come out, though? I'm going to keep it, and let it hatch."

The girls, delighted at the prospect of a butterfly, readily gave it to him. After a critical examination he laid it on the top of the clock and left it.

Every day for a week or two he took it down and looked at it, and after that, forgot it entirely, as did every one else in the house.

Three months went by, and one bitter cold Sunday in February the family all went to church, except Ray, and Nell, and baby Cad. When they came home, Nell and Cad were dancing about in anything but a Sunday manner, and Ray looked as if he was in possession of a secret that was too big to keep.

"What ails you, children?" asked their mother, as soon as she could get thawed out enough to speak.

"We dot something—it is a buffy," said Caddy.

"Hush, Cad—don't tell! See if they'll find it out alone," said her sister.

"No, I won't tell we dot buffy," said Cad, shaking her head wisely, and shutting her teeth and lips tight. But it was only necessary to follow the direction of the blue eyes, which would keep looking up toward the clock, to see, perched upon its topmost edge, a gorgeous creature, looking so much like a butterfly, that it is no wonder the children had mistaken it for one.

It was a monstrous moth, of the kind which is never seen in the day-time, and, indeed, which is seldom seen at all in our northern latitudes. Occasionally one may be observed hovering

over the flower-beds in the twilight, where it is often mistaken for a humming-bird, and sometimes, attracted by the light, they come sailing into the sitting-room of an evening, when they are as often mistaken for bats, as they go circling round and round.

But this was the largest and most beautiful specimen that any of them had ever seen, and the whole family of twelve gathered around it in wonder and admiration. Its wings were brown, and black, and purple, and violet, and gold, all exquisitely blended together, as no human hand could blend them. It seemed like a little bit of the tropics, set down in the midst of our Michigan winter, and looked as out of place as a full-blown rose would pushing its way up through a snow-bank.

There it hung, poised itself upon the top of the clock, and surveying the excited group below with a most puzzled air. It was wondering, I suppose, by what strange chance it found itself alive upon such a day as this. It thought of the warm sunshine, and the green grass of the summer before, and how it had crawled along the tomato stems, and feasted upon the delicious leaves; and how, when the winds began to blow, and the nights grew chilly, and the tomato leaves shriveled up, it had crept away to the syringa bush, and spun and woven a silken chamber, and cuddled down to sleep in it. And while it slept, it had dreamed such beautiful dreams, of green fields, and honey-filled blossoms, and of itself—not crawling upon the ground as in the old days, but with lovely, outspread wings, flitting here and there among the flowers, resting upon a rose-bud when weary, and drinking nectar from the clover blossoms when thirsty.

And now it was awake, and had come out of its silken chamber, and part of the dream had come true. It had the lovely shining wings, large and strong, and more beautiful even than it had dreamed. But where was the sunshine, and the fields, and the flower? Nothing but snow out of doors, and icicles hanging from the eaves, and the wind howling around the corners.

No wonder the little creature was bewildered, and had to take time to look about him, and consider what it all meant.

The children were so excited they could scarcely eat their dinners, and when Sir Moth, having finished his meditations, concluded he would try his new wings upon a tour of observation, and so sailed across the big dining-room, they all rushed pell-mell from the table, leaving their mince-pie untasted, and followed him, clapping their hands and shouting with delight. No wonder that his heart was lifted up within him, as he circled slowly round, and showed off his rainbow wings to the best possible advantage, for he was surrounded by a more admiring circle of spectators upon this wintry day, than the birds and the bees, and the dragonflies, and the caterpillars, and the beetles would have made for him in the summer time.

Having examined everything in the room that was worth while, he at last descended to alight upon a geranium that stood before the window, that realized his idea of what the world ought to be, better than anything else he could see.

"What shall be done with the pretty thing?" was the next question.

"Dive it to me," said Cad, reaching out her two fat hands for it.

"You can't have it, little Flutter-budget," said Lizzie, kissing the little hands, and then the grieved lips.

"It's mine, and I'm going to tame it, and have it for a pet," said Ray.

"Tame a moth?" "A moth for a pet?" laughed the children.

"Yes—tame it!" said Ray, stoutly.

"I've heard of tame spiders, and I'm sure a moth has as much sense as a spider."

Now, Ray is the naturalist of the family. He is, in fact, a sort of Agassiz in chrysalis, and what he doesn't know about the habits of insects you may be sure isn't worth knowing, or else he hasn't had a chance yet to find out. And by virtue of his superior knowledge, the other children have great respect for his opinion in such matters. So, when he pronounced it possible for the moth to be tamed and made a pet of, they concluded that it must be so, and were delighted at the prospect.

"What will you feed it, Ray?" asked his mother.

Ray was nonplused for a minute, and then a bright idea struck him.

"I guess he'll eat sugar and water, or honey, or some such sweet thing. He must be hungry now. I'll get some and try."

So he dissolved some sugar in a spoon and put it directly under the little creature's nose. The children laughed at the idea of feeding a butterfly with a spoon; but to their great delight it took several dainty sips of the nectar.

"Didn't I tell you?" exclaimed Ray in triumph.

After his repast, which was very slight considering that he had not eaten anything since he had dined on fresh tomato leaves the fall before, his mothship seemed to be refreshed and strengthened, and started on another flight of discovery. The stove-pipe attracted his attention first. He had never seen one before, and thought he would look at it and find out what manner of thing it was. His spirit of inquiry was commendable, no doubt, but it came near being his death, for the stove-pipe was very hot, he flew straight toward it, and only a lucky whisk of the *Advance* in mother's hand saved him.

Ray looked thoughtful. He had sense enough to see that it would be impossible for some one to follow his pet around all the time with *Advance*

in hand to whisk it out of danger—and there were so many dangers, too.

"I'll make a cage for him to-morrow," was the result of his cogitations.

For the present, a large wire cover was brought, and the moth imprisoned beneath it. He quietly walked to the top and clung there, wings downward, looking out through the network with solemn eyes, and meditating upon his condition and the things he had seen. A spoonful of moistened sugar, and some geranium and fuchsia leaves were put under the wire, to make it look as much like summer to the captive as possible, but he took no notice of either.

When it came time for the Bible-reading that afternoon, the chapter in course was omitted, and the fifteenth chapter of First Corinthians was read instead. And then their mother took the moth for a text, and preached them a little sermon on the resurrection. She told them that the bodies of God's children would one day arise, as much more glorious than their present bodies, as the moth was more beautiful than the worm from which it was transformed. I wish I had time and room to tell you the whole sermon, for the children thought it was more interesting than the one they had heard at church that morning, and I am quite sure they will remember it longer, and I doubt if they ever forget the text.

The next morning Ray was at work at his cage bright and early. His mother called him.

"Ray, what do you suppose a moth has wings for?"

"To fly with, of course," he answered in surprise.

"And how much can it fly in a cage?"

"I'll let it out for exercise every day."

"Do you think you would be very happy shut up in a cage and let out for exercise once a day?"

"But, mother, it can't fly about the room all the time. It will get burned to death, or crushed to death, or something."

"I know it will. Poor little thing! It has waked up too soon. It will have to stand all the chances of being burned, or frozen, or crushed, or starved, for even if you shut it up, it isn't at all likely that it can live long on sugar and water. I think the greatest kindness we can do it will be to kill it at once."

"Oh, mother!"

"I know it seems too bad, after all the pleasure it has given to us, too. But its whole life will be so unnatural, that I am sure it will only pine away for a few miserable days and die. I think it would be a mercy to kill it now."

The children saw the reasonableness and the mercifulness of this measure, but they had so set their hearts upon having it for a pet, that it was long before they could make up their minds to it. However, as the day wore on, and it refused to eat, and when the cover was lifted showed no disposition to fly, they concluded their mother was right. So, a drop of chloroform was skillfully administered by Ray, and the little creature died an instantaneous and painless death, deeply lamented by the whole seven children.

But though its life departed, its beauty did not, and it was poised with outspread wings, upon the hanging basket, where it still remains, as beautiful as upon the day when it burst its prison, and looked out upon the midwinter snows.

This incident stimulated Ray's ambition and love for his favorite pursuits, and this summer his leisure time is principally devoted to collecting all the hideous great worms and caterpillars that he can find. The tomato vines are ransacked, and the peach-trees searched, and he hardly ever comes in from the woods without bringing a monster of some kind, clinging to the branch of a hazel-bush, or suspended from a hickory bough. He puts them in some old glass jars, partly filled with earth, tucks in some leaves of the plant they live on, ties a piece of lace over the top, and then leaves them to their own devices.

By and by he expects to have the pleasure of seeing them spin themselves up in their cocoons, and another summer he is reckoning on a whole flock of butterflies and moths of his own. What he will do with them, I don't know. He has several plans in his busy head for taming them, and if he should succeed I will tell you about them sometime.—*Advance*.

PUNISHMENT BY MARTINS.—A French author of the past century gives an amusing account of the punishment inflicted on feathered delinquents by those whom they have wronged. The house-martins are, as their name implies, in the habit of building their nests under the eaves of dwellings, and it is not at all an uncommon circumstance for a sparrow, with the impudence inseparable from its nature, to install itself in one of these nests during the absence of its owners, and set at defiance every "notice to quit." The martins, finding it impossible to oust the intruder, who, like many other bipeds, probably thinks "possession nine points of the law," summon their friends to their assistance, and while two or three of the party keep watch at the door of the nest to prevent escape, the others bring supplies of clay, and completely closing up the entrance, leave the unfortunate victim to die by suffocation. The "luxury of revenge," as it has been strangely termed, would appear by this account to be thoroughly appreciated by the martin tribe.

The City Council of Portland, Or., has passed a resolution that shade-trees shall adorn the streets of that city back of First street.

NEWELL'S
PULMONARY
SYRUP.

BELIEVING THAT EVERY MAN SHOULD BE held personally responsible for whatever he offers to the public as an antidote for any existing evil, and that no honest man can, for the sake of gain, offer as a remedy that which may prove an injury, we shall say no more than we believe to be strictly true, and easily proved in relation to the merits of

NEWELL'S PULMONARY SYRUP!

We have known it for many years as a valuable remedy in all Pulmonary Complaints. It has been given to a great number of persons, old and young, male and female, and it can be truly said that rarely, if ever, was known a single instance in which it has not effected a speedy cure of the most violent cold or long-continued cough; and, in case of Asthma, Whooping-cough, sore Throat, or any affection of the throat or lungs, we have yet to hear of the first instance in which it has not afforded entire satisfaction. We do not pretend to say that

NEWELL'S PULMONARY SYRUP

is a remedy for "all the ills the flesh is heir to," but we do say that it is a safe, pleasant, and sovereign remedy for the most violent cold, long-continued cough, sore throat, asthma, whooping-cough, or any affection of the throat or lungs arising, as almost all such complaints do, from what is at first considered nothing but a "slight cold"—the final consequences of which need not be pointed out. Prominent, however, among the ills thus engendered, is that of consumption, for which it is said there is no remedy, and perhaps there is not. But if

NEWELL'S PULMONARY SYRUP.

Which we so strongly recommend, be a remedy for such complaints as we have enumerated, what effect will it have upon that scourge of the human race, CONSUMPTION? We answer, it will be to afford its victims immediate relief! It will check the ever-accompanying cough; this done, refreshing sleep is sure to follow, and, in its train, increase of strength, a brighter eye, a more cheerful countenance—and, why not a restoration to health? CURE YOUR COLD while it is yet what you consider but a slight one, and you will have less occasion to seek a remedy for any of the countless ills so sure to follow from it when too long neglected. Cure it in your children, instead of allowing them to retire to their beds night after night with a SLIGHT COLD, from which almost every family has had sad experience; they too often rise with headache, sore throat, or fever.

A kind Providence has placed at the disposal of His intelligent creatures, all the remedies requisite for the relief of such diseases as He permits to afflict mankind. Among the greatest in this category are those of the CHEST and LUNGS. A thorough and patient investigation into the character and treatment of these affections, has resulted in the selection and approval, by the more intelligent of the present day, of

NEWELL'S PULMONARY SYRUP,

The use of which is synonymous with speedy relief and health. Consumptives, try it! For sale by all Druggists.

NEWELL'S PULMONARY SYRUP,

Should be resorted to on the slightest indication of a cough, cold, or asthma.

REDINGTON, HOSTETTER & CO.,

Agents, San Francisco.



This Remedy does not simply relieve for a short time, but it produces perfect and permanent cures of the worst cases of Chronic and Acute Catarrh, and I will pay \$500 reward for a case that I cannot cure. "Cold in the head" and Catarrh of the Head are cured with a few applications. If you have a discharge from the nose, or from the throat, or stopping up of the nose at times, partial loss of the sense of smell, taste, or hearing, eyes watering or weak, full dull, have pain or pressure in the head, you may rest assured that you have Catarrh. Thousands annually, without manifesting half of the above symptoms, terminate in consumption and end in the grave. No disease is so common, more deceptive or less understood by physicians. I will send my pamphlet on Catarrh to any address free.

Dr. Sage's Catarrh Remedy

Is now sold by most Druggists in all parts of the world. Price 50 cents. Sent by mail, post-paid, on receipt of 50 cts., or four packages of two each.

Beware of counterfeits and worthless imitations. See that my Private Stamp, which is a positive guarantee of genuineness, is upon the wrapper. Remember that this Private Stamp, issued by the United States Government expressly for stamping my medicines, has my portrait, name and address, and the words "U. S. Certificate of Genuineness" engraved upon it, and need not be mistaken. Don't be deceived by travelers and others, representing themselves as Dr. Sage. I am the only man now living that has the knowledge and right to manufacture the genuine Dr. Sage's Catarrh Remedy, and I never travel to sell this medicine.

R. V. PIERCE, M.D., 135 Seneca street, Buffalo, N. Y.



WISTAR'S BALSAM OF WILD CHERRY.

Coughs, Hoarseness, Influenza, Sore Throat, Croup, Whooping-Cough, Croup, Liver-Complaint, Bronchitis, Asthma, Bleeding of the Lungs, and every affection of the Throat, Lungs, and Chest, are speedily and permanently cured by the use of

DR. WISTAR'S BALSAM OF WILD CHERRY.

This well-known preparation does not dry up a cough and leave the cause behind, as is the case with most medicines, but it loosens and cleanses the lungs and allays irritation, thus removing the cause of the complaint.

CONSUMPTION CAN BE CURED by a timely resort to this standard remedy, as is proved by hundreds of testimonials received by the proprietors. None genuine unless signed J. WISTAR. Sent W. FOWLER & SONS, Proprietors, Boston.

Sold by Redington, Hostetter & Co., San Francisco, and by Dealers generally.

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AND

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COR. PINE AND SANSONE STS.

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—OF—

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A full supply of

Medicinal Herbs

AND

Essential Oils.

We invite dealers in our line to examine our

stock and get prices, when we will satisfy in

price and quality.

Dr. J. Walker's

CALIFORNIA

VINEGAR BITTERS

[ARE THE GREAT

BLOOD PURIFIER

AND

Life-Giving Principle.

Their Alternative, Solvent, Diuretic and Tonic

Properties exceed any Medicine

in the world.

Over 500,000 Bottles

Have been disposed of within the past two years,

and every Man, Woman, or Child who has

taken them have experienced the

most beneficial results.

By Purifying the Blood, the Whole

System is Renovated and

Invigorated.

BLOOD is the great circulating medium, passing

through all parts of the body, and, if impure, it leaves its

impurities behind, which breed sickness and death. Medi-

cal science has utterly failed hitherto to furnish a medical

agent for renovating and purifying the blood equal to Dr. J.

Walker's Vinegar Bitters. They are easy in their adminis-

tration, prompt in their action, and certain in their results.

Their peculiar vegetable properties penetrate at once to the

seat of disease, and eradicate all impure or poisonous mat-

ter from the system. They are used successfully in all cli-

mates and countries, and have never been known to fail in a

single instance when the directions have been followed. To

those who seek health we would say, there is no more

reliable or cured by these Bitters, if their system is in a

condition to receive nourishment, and the Lungs, Liver and

Kidneys and vital organs are not wasted beyond the

hope of repair.

SPECIAL ATTENTION IS CALLED TO

REDINGTON'S

ESSENCE JAMAICA GINGER,

Which is confidently recommended as the best

preparation now before the public.

It is made exclusively from the choicest Jamaica Ginger

Root, and on scientific principles containing none of those

deleterious properties common to all the cheap prepara-

tions now before the public.

Its style is such as will commend it to the retailer, and

to the consumer its qualities will recommend it as superior

to all others.

We pledge ourselves to preserve its high standard of

purity and excellence, and guarantee it to be in all respects

superior to all other similar preparations.

Quality and style considered, it is by far the cheapest

preparation before the public.

For sale by all Grocers and Druggists, throughout the

Pacific Coast.

ILLINOIS

Elgin Watches.

ELEGANT, DURABLE,

ACCURATE TIMEKEEPERS.

The Cheapest for their qualities of any in Market. Com-

bining improvements not found on any other

American Watch.

FOR SALE BY ALL JEWELERS.

THE "PAIN KILLER."

After thirty years trial, it is still receiving the most unqual-

ified testimonials to its virtues, from persons of the highest

character and responsibility. Physicians of the first respect-

ability, recommend it as a most effectual preparation for the

extinction of pain. It is not only the best remedy ever

known for Bruises, Cuts, Burns, &c., but for Dysentery or

Cholera, or any sort of Bowel Complaint, it is a remedy un-

surpassed for efficiency and rapidity of action. In the

great cities of India, and other hot climates, it has become

the Standard Medicine for all such complaints, as well as

for Dyspepsia, Liver Complaints, and other kindred disor-

ders. For Coughs and Croup, Catarrh, Asthma, and Rheu-

matic difficulties, it has been proved by the most abundant

and convincing testimony, to be an invaluable medicine.

Directions accompany each bottle.

Sold by all Druggists. Price, 25 cts, 50 cts, and \$1 per

bottle.

REDINGTON'S

Flavoring Extracts

Are the perfectly pure and highly concentrated Ex-

tracts from FRESH FRUITS, prepared

with great care.

Lemon, Vanilla, Rose,

Almond, Pineapple, Peach,

Orange, Raspberry, Nuts,

Cinnamon, Strawberry, Clove,

FOR FLAVORING

Ice-Creams, Custards, Pies, Blancmange,

Jellies, Sauces, Soups, Gravies, Etc.,

Are used and endorsed by the most popular Hotels

Skillful Caterers and Confectioners, and are

extensively sold by Druggists, good Gro-

cery Dealers and Storekeepers

throughout California

and Oregon.

We respectfully ask you to

Farm and Garden.

In a Corn-Field.

Where the nodding grasses grow,
Nodding to the waves below—
Where the poppies all aglow
Streak the rye,
There I lie,
Western breezes wander by.

Western breezes rock the wheat,
Wanton with the clover sweet;
Summer joys would be complete
But that I
Look and sigh,
Missing thee among the rye.

Where the cliffs with backward sway
Show the morning on the bay,
Silver-drest for holiday—
There I lie,
Sea and sky
Locked together dreamily.

Banished memories arise,
Singing tender melodies,
Bring a mist before my eyes—
Tread a measure
Through the leasure—
Is it pain or is it pleasure?

—Good Words.

The Sunflower.

The sunflower *helianthus annuus*, is generally regarded as a comparatively worthless plant, cultivated about cottages because the owners lack the taste or do not feel able to cultivate more pretentious plants to ornament their places. True, it is a somewhat coarse, rank-growing annual; but it is neither unattractive nor useless. The sunflower is a native of South America, and was introduced into this country and Europe during the fifteenth century. Of late years its cultivation has been strongly recommended as a field crop, to be employed for economical purposes. The soil most suitable for its growth is that of a dry friable nature, and if the ground is strongly impregnated with alkali, that fact is an advantage rather than otherwise. The economical uses of the plant and seed are numerous.

Years ago, the leaves of the sunflower were used as a substitute for tobacco, and were said to be especially useful for the asthma. They can be plucked off during the summer, without injury to the plant, and dried for fodder or fed green to stock of any kind. When fed green they are said to greatly increase the flow of milk in milch cows, by whom they are eagerly devoured.

The stems may be employed as supports for other climbing plants—the larger ones even for hops. When dried they form an excellent summer wood; fully as good as small willows, which are much sought after by bakers, from their furnishing a quick, hot blaze, with very little deposit of soot, much less than is the case with pine wood. In burning, the stems will yield ten per cent. of potash, a valuable product.

The seed, however, is the most important product. In some countries it is ground into flour, and used for bread or gruel. When simply "cracked," it furnishes a most excellent food for poultry, especially for young and growing chickens, or those which it is desirable to fatten for market. This fattening quality is due to the large amount of oil which they contain, but for that reason they should be fed only sparingly to laying hens. When roasted, the seeds have very much the flavor of coffee, and an infusion makes a very pleasant beverage.

The seed, on expression, furnishes a most excellent oil, which may be used as a salad oil, for the lamp or for the manufacture of soap. We saw a statement not long since that a Mr. Schlicht, of Siskiyou, we think, is raising the sunflower on a large scale, and has put up an oil mill, by which he is manufacturing from this product an article of sweet oil, equal to anything of the kind in the market. He also makes a salad oil equal to the best made from the olive.

There is still another use not yet mentioned, and which, by no means, forms the smallest economic value of this hitherto neglected plant. We refer to the fact that it affords a most excellent bee pasture. Indeed, the flowers are said to be so full of nectar that the bees which visit them sometimes become clogged with the excess of sweetness, being not unfrequently so covered therewith that their comrades are obliged to come to their relief. This peculiarity ought to give the plant a special value in some of the drier portions of the State, where bee food soon dies out; for by making a succession of plantings, which shall come into flower at the proper time, constant pasturage may be secured through the dry season, while the bee-keeper may go to any reasonable distance to find a convenient spot for his plantation.

The sunflower, like nearly all other vegetable productions, sometimes grows to enormous proportions in this State. Some three years ago, there was a mammoth sunflower exhibited at the Bulletin office, in this city, grown by Mr. E. T. Crane, of San Leandro, which measured four and a half feet in circumference or one and a half in diameter. This monstrous flower grew upon a stalk fifteen feet high, while its seeds were as large as ordinary grains of corn! Mr. Crane, we believe, planted several acres for the purpose of obtaining the seed for his poultry, and to shield an adjoining orchard from dust. Both objects were accomplished to his fullest satisfaction. The average growth of the plant and production of seed were enormous. After the young plants had become thoroughly rooted,

they ran up at the rate of nearly two feet a week, or four inches a day! An acre of land will contain 25,000 plants, when placed twelve inches apart from each other. The product will of course vary with the soil and mode of cultivation; but the average has been found to be about fifty bushels of seed, which will yield fifty gallons of oil and leave about 2,000 pounds of cake, as valuable as linseed oil cake, is worth, say \$30 in the market or \$50 for feeding. To this should be added the value of the stems and leaves as above.

Taking the above facts into consideration, we cannot but think the cultivation of the sunflower is deserving of far more attention than has usually been allotted to it. The varied and important uses to which it may be applied ought certainly to set people to thinking.—*Scientific Press.*

Selling Eggs by Weight.

It has long been urged, that eggs should be sold by weight, instead of by count. There can be no doubt that the great difference in size, a difference which is growing more and more marked by increased care in breeding, fully warrants the proposed change. *Twice a Week* says that the average of a great number of hens' eggs, weighed at random from time to time, in the market, is two ounces, or 14 pounds per dozen; but the difference in consequence of breed or feed and care makes the range from 1 1/2 to 2 1/2 ounces, so that if eggs are 45 cents per dozen the buyer would, on the average, pay 30 cents per pound, but by paying the same price per dozen and taking those larger or smaller than the average, he may get his eggs at 40 cents per pound, or pay but 16 2/3 cents per pound for them. For an article of as great consumption as eggs the difference is too great to be thought a trifle, and a little care will save many a dollar in the annual marketing outlay. Some people might think it small to stand and pick out eggs, but there is nothing wrong or little about it. In fact, it is the duty of every housekeeper to do so; and let it be once understood that either only the large eggs will be taken, or a less price paid for small ones, and dealers will find it necessary to sell by weight.

As to the difficulties in the new system, the *Poultry Bulletin*, which advocates the weight system, says, "Fractions of a pound can be as easily calculated as meat, cheese, or other commodities; the exact needed weight wanted, it is almost impossible to make, yet they are always sold by weight, and no difficulty found in the transaction."

OIL FACTORY.—A new oil factory is about being built at Alameda Point by a Mr. Orr, which will manufacture oil from the *kakui* nut, an invoice of which will soon be here from the Sandwich Islands. This nut, which grows in great profusion on the Northern and Southern Pacific Islands, is exceedingly oleaginous, and can be reduced at very small cost. It yields the nut oil of commerce, and is held in high favor for lubricating purposes. It might, no doubt, be raised in California. Mr. Orr will also, after he gets fairly under way, turn his attention to the manufacture of castor, linseed and table oils. This establishment, we believe, will make the fourth or fifth of its class on the Pacific Coast, one of which is at Salem, Oregon, and which expects to work up 30,000 bushels of flax seed this season.—*Scientific Press.*

THE STANDISH STEAM PLOW, constructed at South Boston, under Mr. Standish's personal superintendence, has been tried with success—a slight modification in its feed, being the only thing necessary to make it entirely satisfactory. Some Louisiana people are looking upon this first improved machine with covetous eyes, but we hope it will soon come to California. Mr. Charles Coffin of Boston, agent for the proprietors, is here on a short visit, and we trust he will be induced to bring the plow here to commence work, as previously anticipated. Its success will add greatly to the value of an immense amount of California lands.—*Ibid.*

ITALIAN CHESTNUTS are doing well in Santa Barbara as well as in Los Angeles. Judge Fernold, of the latter place, has one on his ground, but three years old, on which 23 nuts are growing! This tree is said to be a rapid grower, hardy, and a very prolific bearer. It grows from seed and needs no grafting.

ROAD ENGINE FOR CALIFORNIA.—One of Thompson's improved rubber tire engines, for steam plowing and other agricultural purposes, is expected here from London in a few weeks, for Mr. George D. Roberts and his associates in the Tule Land Reclamation Co.—*Ibid.*

A LADY FARMER.—Mrs. Millington, at the last meeting of the Royal Agricultural Society of Oxford, Eng., obtained the special prize of a five hundred dollar gold cup, for the best cultivated farm in that district. The prize was won against several very able and wealthy competitors.

LARGE ONION.—The *Butte Record* has seen an onion grown in one of the Oroville gardens whose weight is 2 1/2 pounds, and which measures 18 inches in circumference. It is a huge specimen of the *genus allium*.—*Ibid.*

HAY is selling in Nevada at \$20 per ton, cheaper than ever before sold in that market. Barley is also being sold in Nevada for \$1.60 per cantel—the lowest it has ever been in that market.

Sheep Husbandry.

Before entering upon the subject, which I promised to examine more closely to-day (the Saxon Merino sheep), I wish, however, first to say a few words more concerning the husbandry of the long-wooled breeds.

The roughness and negligence of our California system of sheep husbandry, make it necessary to give the preference to the long-wooled breeds, which, on account of their hardness and greater strength are better able to endure such unusual, and, in many cases, inhuman hardship. They require far less skill and care than the Merinos, and are not seldom paying quicker returns and larger profits to their owners. But whilst they may be introduced, kept and increased to great advantage by our ranch owners and farmers, they might, however, be far less welcome to the owners of our woolen mills; for the more essential their qualities, or specific properties, are as combing wools, the less fit and desirable they must be for the manufacture of cloths and for all kinds of felting purposes. The Merino wools have a scaly surface, and their fibres of the better kinds show over three thousand of small serrations or teeth, whilst upon those of the best combing wools, scarcely fifteen hundred of them could be discovered. They therefore are more fit for worsted goods and far less desirable for all carding and belting purposes. The long wools, with all their usual defects, may, however, still better suit the purposes of our woolen factories, than the finer and shorter ones, in the condition as they are at present brought to them, by our California wool-growers, or at least most of them.

The two wool clips a year are simply an anomaly, and they are only resorted to for fear of losing part of their wool, and out of a self-created necessity, which I am going to explain.

The more delicate short-wooled breeds, exposed as they are during the winter to rain, cold and starvation, can certainly not be supposed to be in a very healthy condition, and not expected to produce a staple of wool of great softness, elasticity and strength. The tube of the fibre has not sufficient time to fill up with the requisite amount of oil pulp, and the fibre itself must then necessarily degenerate into a harsh and hungry-looking filament, of scarcely any strength or intrinsic value. That such a sickly product does not stick to their skin, and does, on the contrary, too easily loosen itself from it, or from the more healthy part, the spring and summer growth, is but natural; and therefore the two-clip system—the fall and the spring clip—has been invented, and through them has the maturity of the wool been interrupted and nearly all its better qualities completely destroyed.

I do not wish to enter into any kind of a controversy with our woolen mill men; much do I fear, however, that as soon as the first enthusiasm of our people for home-made goods will have entered a more temperate zone, they will find it advisable, if not absolutely necessary, to become more careful in the selection of the wools they intend to employ. Outside appearance may not always be sufficient to compete against fabrics from the East or Europe, or perhaps comparatively greater intrinsic value.

In a communication of this kind, but a very small space is allotted to my remarks on each of the many branches of sheep husbandry; therefore all I can do is to mention them, and to throw out a few short hints. I have already stated that the demand for long wool will more and more increase all over the world, and must hereafter far exceed that for short and finer wools; but this, very naturally, does not imply that we can spare or do without the latter, or that we should neglect or abandon the growing of them altogether. Far from it. For it is, on the contrary, my intention to prove that short and fine wools are not only the chief object of sheep husbandry in Germany, where most satisfactory results are daily obtained from it; but that it can be made, and still more easily made so here, provided only that the necessary requirements are fully and particularly submitted to.

THE MERINO.

Spain, the native country of the merino sheep, has for many centuries been celebrated for the quality of its wool. During the prosperous days of Roman dominion, its woolen fabrics were the most eminent in Europe; and also in the later times of the Moorish sway, its woolen manufactures were the most celebrated in the world. With the departure of the Moors from Spain began the decline of arts and manufactures, and however the soil retains its natural productiveness, and the sun continues his benignant influence, Spain no longer furnishes its so greatly esteemed fine wools, and also no longer manufactures its woolen fabrics for other countries; it cannot, indeed, clothe any longer its own inhabitants. I need not repeat here the causes which have brought about this sad condition of things in Spain, for history has already explained them sufficiently.

The merino sheep, it is supposed, were first introduced into Spain from Asia, by the early Phœnician colonies; secondly, from Africa, by the Carthaginians, during their brief possession; thirdly, from Italy, by the Romans; and fourthly, again from Africa, by the Moors.

As I have already stated, arts, manufactures, sheep husbandry and agriculture generally rapidly declined soon after the industrious Moors had left the country. The much favored soil and climate, more than their skill and energy, maintained for a few years longer

the reputation of the Spanish wools; but climate and nutritious herbage alone could not save its sheep husbandry from final, utter ruin; and since 1840, or about that time, no more fine wools were to be found in Spain. From 1830 to 1835, however, best Spanish merino wools have been imported in larger quantities into France, and prices as high as \$3 50 per pound have been paid for them. At about that time, and until 1845, France also produced some very fine wools, which were selling as high as from \$3 to \$3 50 per pound. Since that time, however, things concerning sheep husbandry have also much changed in France; the high prices for lands, the better appreciation of mutton and manure, and the possibility of obtaining quicker returns and larger profits, have finally also induced the French-sheep grower to give the preference to the long-wooled sheep, and to abandon the Spanish short-wooled merino breeds, which for him, also, required too much care, skill and patience.

Austria, Saxony and Silesia have attained the highest degree of perfection ever reached in modern times, in sheep husbandry, and they still cling to it. Hungary and Poland, however, are, or soon will be, dangerous competitors.

Many of their premium flocks have paid them enormous profits. I have already mentioned that of Prince Liechtenowsky, in Silesia, which consisted of eight thousand Escurias merino sheep. The sale of his rams alone paid him, for many years, an income of nearly \$40,000 a year, whilst that of his wool clip added to it, would increase it to nearly \$70,000 a year. His yearly wool clip amounted to from 12,000 to 16,000 pounds, and the prices which he usually obtained varied from \$1 80 to \$2 20 per 100 pounds—never less than \$1 80.

The contractors or buyers of this wool, after sorting and classing them according to the different degrees of fineness, not seldom realized as much as \$4 00 and more per 100 pounds for the first choice of it, called *Electa*. Parties, who never had the good fortune of admiring wools of such a perfection, can have no idea of its beauty, its fineness, mildness, elasticity and strength. The greater these properties, the greater the intrinsic value of the wools for the purpose of manufacturing fine broadcloths; for not only can a pound of this kind be spun to an unimaginable length, or number of yards, but it can, when once worked into cloth, be submitted to that final finish, as teasing and shearing, &c., that other wools, deprived of these perfections, could never endure, at least not to such a degree, without fear of damage or deterioration. The same reasons that have prevailed with the French farmer, in the introduction of long-wooled sheep, are already visible, here and there, in Germany; the high prices of lands, chiefly, are a great obstacle to the husbandry of the finer merino breeds, and it is to be feared that sooner or later they, also, will have to submit.

But all these detrimental causes do not exist, either in Texas or in California. Here lands are cheap; and as to soil and climate, nature, in what concerns sheep husbandry, has favored them far more than Germany, and has nearly done as much for them as for Spain itself.

Thus with all the necessary means at their disposal, to provide for their own wants, it is not natural that the United States should import wools, as fine cloths, cassimeres, &c., to so large an extent. We have to-day great advantages over the Germans, and even the American former wool-growers—we have their experience to be guided by; we have the use of systems and plans that we can easily procure—all of which they were entirely deprived of; one thing, however, we seem to be in great need of in the United States, and that is skillful and patient men as manufacturers of fine cloths, such as can make use of fine wools and be able to pay encouraging prices for them.

With all the encouragements given by the different governments in Europe, with all the premium medals, titles and honors bestowed upon the most successful wool-growers, they did only then really succeed in producing these fine wools, when the English, French and German manufacturers came at last to their rescue, in finally appreciating their wools and in paying remunerative prices for them. Thus, even with the good-natured German, did clear cash profits, more rapidly accomplished what government encouragement had begun and sustained by premiums, medals, titles and honors, but what they could not finish, the attaining of the highest degree of perfection in the husbandry of the Merino sheep.—*Marysville Appeal.*

CRANBERRIES IN GRASS VALLEY.—Mr. Marshall, a well-known gardener in Grass Valley, whose garden is located on a piece of land of some 200 feet above the level of Deer Creek, a few rods from which he is located, has an extensive bed of cranberries, now bearing fruit, fully half-grown and doing well. Mr. Marshall does not irrigate his cranberries any more than he does his other vines or vegetables. The Grass Valley Union very pertinently asks, "If such things can be grown in the highlands of this vicinity, what could be done in the marshes below?"—*Press.*

INVOICED ships monthly, according to the *Independent*, about 200 tons of bullion to San Francisco, and receives back about the same weight of merchandise, at an aggregate cost of \$36,000 per month. This is, of course, a tremendous tax on her resources, even taking no account of the loss sustained, by the capital invested, by the amount of time consumed in the transportation.

Business Directory.

ASSAYERS.

California Assay Office—(Successors to Geo. E. Rogers) No. 613 California St., one door west of Montgomery, San Francisco. H. H. Lawrence, Manager. J. A. Marx, Assayer. Analysis of Ores, Minerals, Waters, &c.

BOOK-BINDERS.

Parting & Kimball—Book-Binders, Paper Rulers and Blank Book Manufacturers, 304 Clay St., southwest corner Sansome.

BOOKS AND STATIONERY.

Loomis, W. E.—Periodical and Stationery Depot, corner Sansome and Washington Streets. Subscriptions received. Agent for Koch's Patent Binders.

Doman, A. & Co.—Wholesale and Retail Bookellers, Publishers of the Overland Monthly, etc., etc., 417 and 419 Montgomery Street.

BOOTS AND SHOES.

Deers, H. M. & Co.—Pioneer Shoe Factory. Manufacturers of Boots and Shoes in Ladies' and Men's Boots and Shoes, No. 238 Kearny Street.

BUILDING MATERIALS.

Holmes, H. T.—Manufacturer of Santa Cruz Lumber, Importer of Cement, Plaster, Fire Brick, Hair, Nails, etc., corner of Market and First Streets.

COMMISSION MERCHANTS.

Dodge & Straus—Commission Merchants and Wholesale Dealers in Provisions, No. 406 Front Street, San Francisco.

CORDAGE.

Tubbs & Co.—San Francisco Cordage Manufactory, 613 Front Street, San Francisco.

CUTLERY.

Price, M.—Cutler, 415 Kearny Street, San Francisco.

DRUGGISTS.

Adams, S. & Co.—Pioneer Druggists. Wholesale and Retail Dealers in Drugs and Medicines at 344 Bush St. A full assortment of Drugs and Medicines at 344 Bush St.

Gates, Justin & Bro.—Successors to Gates & Keith, Druggists and Apothecaries, 219 Montgomery Street, near the Clock.

Redington, Hostetter & Co.—Wholesale Drugists, exclusive agents Hostetter's and Drake's Plantation Bitters, Nos. 416 and 418 Front Street.

ENGRAVERS.

Traverthy, F. M.—Engraver of Stencil Plates, Wrappers, etc., 321 Front Street, corner Commercial, San Francisco. Stencil Brushes, Ink and Cups.

FIREARMS.

Curry, N. & Bro.—Importers of Shot Guns, Rifles and Pistols of every description, 113 Sansome Street.

FRUIT AND PRODUCE.

Weston, C. W.—General Commission Dealer in Fruit, Country Produce, etc., Pacific Fruit Market.

GOLD PENS.

Pearce, H. D.—Manufacturer and Importer of Gold Pens, Holders, and Cases, 606 Montgomery Street.

HATTERS.

Adams, the Hatter, can be found at 637 Washington Street. Call and see him.

Thiele, J.—Manufacturer of Hats and Caps, 625 Commercial Street, San Francisco.

The Hat Store, No. 647 Washington Street, San Francisco, is "the" place to buy your Hats.

INSURANCE COMPANIES.

Craftsmen's Life Insurance Co. of New York—E. H. Shaw & Co., General Agents for Pacific Coast, 422 Montgomery Street, San Francisco.

Occidental Insurance Co.—Fire and Marine Insurance. Office, S.W. cor. Montgomery and California Sts. Chr. Christiansen, Pres't. B. Rothschild, Sec'y.

Pacific Insurance Co.—Of San Francisco. Gold and Silver, \$1,000,000. Jonathan Hunt, President, A. J. Balston, Secretary. 422 California Street.

People's Insurance Co.—Fire and Marine. C. F. McDermott, President. John H. Wise, Vice-Pres't. H. G. Horner, Secretary. No. 16 Merchants' Exchange.

United States Life Insurance Co. of New York. B. J. Dorsey, General Agent, 41 and 42 Merchants' Exchange, California Street.

IRON WORKS.

Hanscom & Co.—Iron Works, southeast corner First and Tehama Streets. Manufacturers of Iron Castings and Machinery of all kinds.

LAWYERS.

Cowles & Brown—Law Office, No. 621 Clay Street, south side, over Savings and Loan Society.

Gray & Haven—Attorneys and Counsellors at Law, San Francisco, Cal., in building of Pacific Insurance Company, N.E. corner Cal. & Lidesdorff Streets.

MACHINERY.

Berry & Place—Agents for Eastern Machinery Builders, and Importers Portable Engines, Wood-working Machinery, Blake's Patent Steam Pumps, Machines, Tools, etc., 114 California St., San Francisco.

MUSICAL INSTRUMENTS.

Hook, E. & G.—Manufacturers of Church Organs, Boston, Mass. Edward T. Peirce, Agent, 536 Market Street, San Francisco.

PATENT AGENTS.

Smith, C. W. M.—United States and European Patent Office, 926 Montgomery Street. Patents obtained in all places where patent laws exist.

Dewey & Co.—United States and Foreign Patent Agents, Publishers Scientific Press, and Wood Engravers, 414 Clay Street, below Sansome.

PAINTERS.

Bernard, C. A.—House and Sign Painter, No. 628 Commercial Street. All orders promptly executed in the best style of the art.

PHOTOGRAPHERS.

Morse, G. D.—Photographic Gallery, No. 315 Montgomery Street.

POULTRY AND GAME.

Cook, J. H.—Game and Poultry Dealer, Stalls 48 and 49 Washington Market.

POWDER.

Bandmann, Nelson & Co.—210 Front Street. Agents Giant Powder, for blasting purposes.

PRINTERS.

Dacot & Company—Still continues at the old stand, 336 Clay St., below Montgomery, and give satisfaction to all who employ them, in time, quality and price.

Carmany, John H. & Co.—Book and Job Printers, Publishers of the Pacific Commercial Herald, Stock Circular, etc., Southwest cor. Washington and Battery.

Carr, M. D. & Co.—Book and Job Printers, 632 Clay Street, opposite Lidesdorff Street.

Cosmopolitan Printing Company—Mahon, Rapp, Thomas & Co., 505 Clay Street, corner of Sansome, San Francisco.

Culberty & Co.—Book, Job and Ornamental Printers, 536 Market Street, just below Montgomery Street, opposite Second.

Dondero, C. & Co.—Printers, 520 and 522 Clay St. Printing done in English, French, Spanish and Italian.

Eastman, Frank—Book and Job Printer, (Franklin E. Printing Office) 509 Clay Street. Give him a call.

Spaulding & Barte—Mining and Scientific Press & Book and Job Printing Office, No. 414 Clay Street, below Sansome, San Francisco. Music promptly printed.

Winterburn, Jos. & Co.—Fancy, Book, Card and Job Printers and Electrotypers, 417 Clay Street, below Sansome.

REAL ESTATE.

Curry, Chas. D.—Real Estate Agent, office of the "San Francisco Real Estate Circular," 410 California Street, two doors west of the Bank of California.

SILVER WARE.

Vanderlides, W. K. & Co.—Silverware, manufactory and sell all kinds of Solid Silver Ware wholesale and retail, 310 Montgomery St., above Jackson.

Blake's Patent. THE BEST PUMP for Boilers, Feeders, Breweries, Sugar Houses, Factories, Mines, and Fire Pumps, etc. It is made of cast iron and is warranted not to leak, and will not get out of order, and will run for years without any repairs.

BERRY & PLACE. Agents, 115 & 116 California St., San Francisco. Have an assortment of sizes always on hand.

DURABILITY, SIMPLICITY, LIGHT DRAFT! THE WORLD'S MOST PERFECT MOWER & REAPER! EVER BUILT.

Manufactured Exclusively by

E. BALL & CO., CANTON, OHIO.

This Machine is the harvest-gathering of twenty years' experience in the manufacture of Agricultural Machinery, and takes rank with the Printing Press, Engine-Lathe, and Locomotive, in the qualities of precision, sturdiness and durability.

The "WORLD" is a single piece of solid iron, of shape to resist all possible strains.

In gearing is shaped to standard gauge, and each cog cut out of solid iron, with mathematical exactness.

The working parts are permanently fixed, and fully protected from water, dust, grass, and all other causes of disturbance.

By these means we reduce friction to the lowest point, stop the self-destruction common to all rough cast Machines, avoid breakages in harvest, secure easy draft and the same durability which pertains to cut gear in other kinds of machinery.

The "WORLD" has been tested four years, in the hands of the most intelligent and reliable farmers in the land, all of whom unite in declaring that, comparatively,

"THERE IS NO OTHER HARVESTER."

The "WORLD" is furnished as follows:

AS A MOWER—TWO SIZES.

COMBINED—MOWER AND REAPER—DROPPER—TWO SIZES.

COMBINED—MOWER AND REAPER—HEAD-RAKE (also Delivery) AND DROPPER—TWO SIZES.

All Combined Machines have two Cutter Bars. To those wishing to cut Flax or Hemp, a knife specially adapted to this kind of work is furnished with the Combined Machines.

THE CALIFORNIA TORNADO Thresher and Separator

Built Expressly for the Pacific Coast, by

E. BALL & CO., CANTON, OHIO.

While unequalled in point of mechanical excellence, this machine possesses the not less important merit of being built with the view of special adaptation to the needs of this Coast. In point of Durability, Capacity, and Draft, the "TORNADO" stands, by common consent, at the head of the list of

Standard threshers and Separators.

It is furnished with the improved CAREY DOUBLE FINISH HORSE POWER, the excellencies of which are unquestioned.

For Prices and Complete Information, address or apply to

Linforth, Kellogg & Co.,

IMPORTERS OF

Hardware, Agricultural Implements AND MINERS' TOOLS.

GENERAL AGENTS FOR THE PACIFIC COAST.

Nos. 3 and 5 Front Street, SAN FRANCISCO.

FLORENCE

THE FLORENCE is warranted to be the best and most reliable Sewing Machine in the world. It seldom gets out of order. If there is one within a thousand miles of San Francisco not working well, I will fix it for nothing and pay all express charges.

SAMUEL HILL, Agent,

111 Montgomery Street, San Francisco.

W. T. CARRATT'S BRASS & BELL FOUNDRY

Corner Mission and Fremont Streets, SAN FRANCISCO.

MANUFACTURERS OF Church & Steamboat Bells and Gongs, BRASS CASTINGS OF ALL KINDS, FIRE ENGINES, PUMPS AND LIFT PUMPS, HOSE COUPLERS, BARBIT METAL WATER GAUGES AND GLASS TUBES FOR STEAM BOILERS, STEAM GAUGES, MAGNETIC GAUGES, STEAM COCKS & VALVES of all descriptions.

Steam Whistles, Rope's Caloric Engines

HYDRAULIC

Connecticut Mutual Life Insurance Company,

Assets January 1st, 1870, - - - \$27,566,479 26
Surplus, - - - - - \$9,671,875 26

Ratio of Expense to Total Income, \$8.89,
LESS, it is believed, than can be shown by any other Company in the World!

CURRENT DIVIDENDS FROM 40 TO 70 PER CENT.

A PURELY MUTUAL COMPANY.

All its Surplus

EQUITABLY DISTRIBUTED AMONG THE POLICY HOLDERS IN

Annual Dividends.

Careful Selection of Lives, High Rates of Interest on Investments, and

Economy in Management, which characterize this Company,

Guarantee Insurance at the Lowest Possible Cost.

JAMES B. ROBERTS,
General Agent for the Pacific Coast,
315 California Street, San Francisco, Cal.

SOLID INDEMNITY.

THE

HARTFORD

Fire Insurance Company

OF

HARTFORD, CONNECTICUT.

CASH CAPITAL,

One Million Dollars.

ASSETS,

Two and One-Half Million Dollars.

INCORPORATED, 1810.

Sixty Years of Honorable Success.

TOTAL LOSSES PAID,

Over Ten Million Dollars.

All Business Transactions Conducted on Principles of

Commercial Honor.

DEVOTED SOLELY TO FIRE INSURANCE

LOSSES PAID IN CALIFORNIA,

One-Quarter of a Million of Dollars.

ALL LOSSES PROMPTLY PAID IN GOLD COIN.

PACIFIC DEPARTMENT:

HEYWOOD & FLINT Managers,

313 California Street, San Francisco.

PEOPLE OF THE UNITED STATES

The Pacific and Atlantic Railroad,

The Immediate Want of the Age, and of the

People of the United States.

STEAM-PADDY

Railroad Contractor.

D. HEWES,

AND

THE PACIFIC

THE PACIFIC

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Commercial Intelligence.

The receipts of Grain from the interior, since the in-

crease in the harvest, July 1st, exhibit a considerable dimi-

nution as compared with the same period last year. This fact

is not chargeable altogether to lessened crop, but to the

general condition of markets, both at home and abroad.

When the European war came on, prices of Wheat and

Flour in Liverpool at once jumped up considerably,

and our people made up their minds that high prices would

be the ruling feature of this coast, and governed them-

selves accordingly. It is true, prices for a short period did

advance, but this rise was more than offset by ship-owners,

who at once advanced freight beyond all reason, so that

farmers were deprived of any benefit likely to accrue from

the advanced rates of Wheat and Flour, and the English

and before shippers could turn them into the market, the

market had fallen from 12s to 11s, and the rate of

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